



What is the geographic distribution of the HIV/AIDS epidemic in Massachusetts?

Introduction

This fact sheet provides a summary of the geographic distribution of HIV/AIDS in Massachusetts. Table 1 identifies the 15 localities with the highest average annual rate of HIV infection diagnosis and Table 2 identifies the 15 localities with the highest average annual number of HIV infection diagnoses. Table 3 identifies the 15 localities with the highest prevalence of HIV/AIDS per 100,000 population and Table 4 identifies the 15 localities with the highest prevalence of HIV/AIDS.

Examination of HIV infection diagnosis rates and rates of people living with HIV/AIDS within cities and towns reveals disparities that might otherwise be hidden by population size. For example, although the *number* of HIV diagnoses in Provincetown is much smaller than the number of cases in Boston or other large Massachusetts cities, the *rate* of HIV infection diagnoses is much higher since the total year-round population of Provincetown is very small. Therefore, a high *rate* of HIV infection or HIV/AIDS prevalence does not always indicate a high *number* of cases.

The numbers of people living with HIV/AIDS, and diagnosed and reported with HIV infection within the three-year period 2011 to 2013 are presented for the 16 cities and towns that were among the top fifteen by one of the following indicators:

- 1) the number of average annual HIV infection diagnoses from 2011 to 2013; or,
- 2) the number of people living with HIV/AIDS.

These analyses provide a point of reference for comparison to the statewide HIV/AIDS epidemic. It must be noted that the geographic information presented in these analyses reflect residence at the *time of report or diagnosis* and **not necessarily current residence**. Therefore, the data may not represent the current distribution of people living with HIV/AIDS.

Recent changes to the presentation of Massachusetts HIV/AIDS surveillance data

Effective January 1, 2011, the Massachusetts Department of Public Health (MDPH), Bureau of Infectious Diseases, HIV/AIDS fact sheets, epidemiologic reports and other HIV data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts. As of January 1, 2013, this resulted in the removal of 3,529 HIV/AIDS cases, of which 914 have died and 2,615 were living. These persons living with HIV/AIDS may still continue to reside and receive care in the Commonwealth. The total number of persons living with HIV/AIDS, irrespective of location at diagnosis, is the basis for MDPH service planning. This change is partially a result of increased activities required by the Centers for Disease Control and Prevention (CDC) for de-duplication among states in an effort to identify cases that are counted multiple times in the National HIV/AIDS Surveillance System. The cases are assigned to the state that reports the earliest date of AIDS diagnosis if available. If the case has not progressed to AIDS, the case is assigned to the state with the earliest HIV diagnosis date. Please note that previous

HIV/AIDS fact sheets, data reports and presentations included cases that may have been first diagnosed in another state.

Also effective January 1, 2011, the MDPH HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to eliminate the presumed heterosexual exposure mode category for males; those cases have been reassigned to the no identified risk (NIR) exposure mode category. The presumed heterosexual exposure mode category was used with the intention of identifying HIV exposure mode for females when sex with males is the only reported risk factor, there is no evidence of current or past injection drug use (IDU), and behavioral risk and HIV status information about male sexual partners are unknown. Twenty-nine percent of females living with HIV/AIDS and 40% of recent female HIV diagnoses are reported in the presumed heterosexual exposure mode category. The application of the presumed heterosexual exposure mode category to males is overly inclusive in that female to male HIV transmission is biologically less probable, and there are alternate exposure modes that are possible for males, including sex with other men (MSM) or IDU. The CDC reports males diagnosed with HIV/AIDS who report sex with females as their only risk factor, without corresponding partner risk or HIV status information, in the NIR exposure mode category. This revision to report presumed heterosexual male HIV/AIDS cases as NIR will bring Massachusetts HIV/AIDS case reporting for males in alignment with CDC standards. The MDPH will maintain presumed heterosexual and heterosexual exposure mode categories for females

Table 1. Fifteen cities/towns¹ in Massachusetts² with the highest rate of HIV infection diagnosis: average annual rate per 100,000, 2011–2013³ and average number per year

Rank	City/Town	Average Rate per 100,000	Average Number
1	Provincetown	294.6	8.7
2	Chelsea	35.1	12.3
3	Boston	30.6	189.0
4	Brockton	29.8	28.0
5	Springfield	27.7	42.3
6	Holyoke	27.6	11.0
7	Lawrence	27.5	21.0
8	Lowell	21.3	22.7
9	Everett	19.2	8.0
10	Lynn	18.8	17.0
11	Malden	18.5	11.0
12	Waltham	17.6	10.7
13	New Bedford	17.5	16.7
14	Somerville	16.3	12.3
15	Worcester	14.7	26.7

¹ Cities with fewer than 20 HIV infection diagnoses from 2011–2013 are excluded.

² Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

Data Source: MDPH HIV/AIDS Surveillance Program, data as of 1/1/15

Table 2. Fifteen cities/towns in Massachusetts¹ with the highest average number of HIV infection diagnosis: 2011–2013²

Rank	City/Town	Average Number	Percent of Total
1	Boston	567	27%
2	Springfield	125	6%
3	Brockton	84	4%
4	Worcester	80	4%
5	Lowell	68	3%
6	Lawrence	63	3%
7	Lynn	51	2%
8	New Bedford	45	2%
9	Cambridge	38	2%
10	Chelsea	37	2%
10	Somerville	37	2%
11	Holyoke	33	2%
11	Malden	33	2%
12	Quincy	32	2%
13	Waltham	30	1%

¹ Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

² Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

Data Source: MDPH HIV/AIDS Surveillance Program, data as of 1/1/15

Table 3. Fifteen cities/towns¹ in Massachusetts with the highest rate of people living with HIV/AIDS per 100,000 on December 31, 2014

Rank	City/Town	Rate per 100,000	Number
1	Provincetown	11,182.9	329
2	Boston	930.1	5,744
3	Springfield	764.4	1170
4	Holyoke	744.7	297
5	Chelsea	676.6	238
6	Lawrence	597.0	456
7	New Bedford	535.4	509
8	Brockton	527.7	495
9	Worcester	523.1	947
10	Lowell	509.8	543
11	Malden	491.2	292
12	Lynn	479.4	433
13	Somerville	473.9	359
14	Everett	456.0	190
15	Waltham	418.9	254

¹ Cities with fewer than 20 people living with HIV/AIDS on December 31, 2014 are excluded.

² Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

Data Source: MDPH HIV/AIDS Surveillance Program, data as of 1/1/15

Table 4. Fifteen cities/towns¹ in Massachusetts with the highest number of people living with HIV/AIDS per 100,000 on December 31, 2014

Rank	City/Town	Number	Percent of Total
1	Boston	5,744	29%
2	Springfield	1,145	6%
3	Worcester	947	5%
4	Lowell	543	3%
5	Brockton	495	3%
6	New Bedford	482	2%
7	Lawrence	456	2%
8	Lynn	433	2%
9	Cambridge	428	2%
10	Somerville	359	2%
11	Provincetown	329	2%
12	Holyoke	297	2%
13	Malden	292	1%
14	Quincy	262	1%
15	Waltham	252	1%

¹ Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.
Data Source: MDPH HIV/AIDS Surveillance Program, data as of 1/1/15

Table 5. People diagnosed with HIV infection from 2011–2013¹ and people living with HIV/AIDS on December 31, 2014 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: City of Boston, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	445	78%	4,398	77%
Female	122	22%	1,346	23%
Place of Birth:	N	%	N	%
US	347	61%	3,871	67%
Puerto Rico/US dependency ³	24	4%	340	6%
Non-US	196	35%	1,533	27%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	177	31%	2,246	39%
Black (non-Hispanic)	212	37%	2,275	40%
Hispanic/Latino	150	26%	1,091	19%
Asian/Pacific Islander	17	3%	88	2%
Other/Undetermined ⁴	11	2%	44	1%
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	293	52%	2,801	49%
Injection Drug Use (IDU)	30	5%	705	12%
MSM/IDU	17	3%	204	4%
Heterosexual Sex	50	9%	695	12%
Other	3	1%	96	2%
Total Undetermined	174	31%	1,243	22%
• Presumed Heterosexual Sex ⁵	65	11%	476	8%
• Undetermined ⁶	109	19%	767	13%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2014	
Under 13	3	1%	8	<1%
13 to 19	21	4%	25	<1%
20 to 24	72	13%	79	1%
25 to 29	76	13%	183	3%
30 to 34	73	13%	265	5%
35 to 39	63	11%	361	6%
40 to 44	72	13%	511	9%
45 to 49	70	12%	902	16%
50 to 54	52	9%	1,163	20%
55 to 59	34	6%	1,035	18%
60+	31	5%	1,212	21%
Total	567	100%	5,744	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

² Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Ninety-nine percent of people diagnosed with HIV infection from 2011–2013 who were born in a US dependency were born in Puerto Rico, <1% were born in the US Virgin Islands and <1% were born in Guam.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

⁷ Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/15

Table 6. People diagnosed with HIV infection from 2011–2013¹ and people living with HIV/AIDS on December 31, 2014 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Brockton, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	45	54%	279	56%
Female	39	46%	216	44%
Place of Birth:	N	%	N	%
US	-- ⁷	-- ⁷	220	44%
Puerto Rico/US dependency ³	-- ⁷	-- ⁷	35	7%
Non-US	57	68%	240	48%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	9	11%	104	21%
Black (non-Hispanic)	66	79%	302	61%
Hispanic/Latino	9	11%	84	17%
Asian/Pacific Islander	0	0%	-- ⁷	-- ⁷
Other/Undetermined ⁴	0	0%	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	13	15%	87	18%
Injection Drug Use (IDU)	-- ⁷	-- ⁷	67	14%
MSM/IDU	9	11%	-- ⁷	-- ⁷
Heterosexual Sex	-- ⁷	-- ⁷	101	20%
Other	59	70%	-- ⁷	-- ⁷
Total Undetermined	31	37%	223	45%
• Presumed Heterosexual Sex ⁵	28	33%	100	20%
• Undetermined ⁶	13	15%	123	25%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2014	
Under 13	0	0%	-- ⁷	-- ⁷
13 to 19	-- ⁷	-- ⁷	-- ⁷	-- ⁷
20 to 24	-- ⁷	-- ⁷	10	2%
25 to 29	6	7%	13	3%
30 to 34	9	11%	20	4%
35 to 39	5	6%	39	8%
40 to 44	9	11%	38	8%
45 to 49	15	18%	75	15%
50 to 54	15	18%	96	19%
55 to 59	10	12%	95	19%
60+	7	8%	103	21%
Total	84	100%	495	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

² Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Ninety-nine percent of people diagnosed with HIV infection from 2011–2013 who were born in a US dependency were born in Puerto Rico, <1% were born in the US Virgin Islands and <1% were born in Guam.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

⁷ Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/15

Table 7. People diagnosed with HIV infection from 2011–2013¹ and people living with HIV/AIDS on December 31, 2014 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Cambridge, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	32	84%	323	75%
Female	6	16%	105	25%
Place of Birth:	N	%	N	%
US	18	47%	252	59%
Puerto Rico/US dependency ³	0	0%	14	3%
Non-US	20	53%	162	38%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	15	39%	184	43%
Black (non-Hispanic)	14	37%	180	42%
Hispanic/Latino	5	13%	51	12%
Asian/Pacific Islander	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Other/Undetermined ⁴	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	23	61%	202	47%
Injection Drug Use (IDU)	0	0%	39	9%
MSM/IDU	0	0%	16	4%
Heterosexual Sex	0	0%	42	10%
Other	0	0%	14	3%
Total Undetermined	15	39%	115	27%
• Presumed Heterosexual Sex ⁵	-- ⁷	-- ⁷	42	10%
• Undetermined ⁶	-- ⁷	-- ⁷	73	17%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2014	
Under 13	0	0%	-- ⁷	-- ⁷
13 to 19	0	0%	-- ⁷	-- ⁷
20 to 24	-- ⁷	-- ⁷	-- ⁷	-- ⁷
25 to 29	6	16%	14	3%
30 to 34	9	24%	29	7%
35 to 39	6	16%	20	5%
40 to 44	-- ⁷	-- ⁷	43	10%
45 to 49	-- ⁷	-- ⁷	55	13%
50 to 54	5	13%	75	18%
55 to 59	-- ⁷	-- ⁷	76	18%
60+	-- ⁷	-- ⁷	109	25%
Total	38	100%	428	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

² Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Ninety-nine percent of people diagnosed with HIV infection from 2011–2013 who were born in a US dependency were born in Puerto Rico, <1% were born in the US Virgin Islands and <1% were born in Guam.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

⁷ Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/15

Table 8. People diagnosed with HIV infection from 2011–2013¹ and people living with HIV/AIDS on December 31, 2014 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Chelsea, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	30	81%	166	70%
Female	7	19%	72	30%
Place of Birth:	N	%	N	%
US	-- ⁷	-- ⁷	95	40%
Puerto Rico/US dependency ³	-- ⁷	-- ⁷	25	11%
Non-US	23	62%	118	50%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	6	16%	61	26%
Black (non-Hispanic)	6	16%	44	18%
Hispanic/Latino	24	65%	131	55%
Asian/Pacific Islander	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Other/Undetermined ⁴	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	13	35%	88	37%
Injection Drug Use (IDU)	-- ⁷	-- ⁷	27	11%
MSM/IDU	0	0%	-- ⁷	-- ⁷
Heterosexual Sex	-- ⁷	-- ⁷	43	18%
Other	0	0%	-- ⁷	-- ⁷
Total Undetermined	18	49%	74	31%
• Presumed Heterosexual Sex ⁵	-- ⁷	-- ⁷	27	11%
• Undetermined ⁶	-- ⁷	-- ⁷	47	20%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2014	
Under 13	0	0%	-- ⁷	-- ⁷
13 to 19	-- ⁷	-- ⁷	-- ⁷	-- ⁷
20 to 24	-- ⁷	-- ⁷	5	2%
25 to 29	7	19%	7	3%
30 to 34	8	22%	20	8%
35 to 39	5	14%	33	14%
40 to 44	8	22%	30	13%
45 to 49	-- ⁷	-- ⁷	47	20%
50 to 54	-- ⁷	-- ⁷	29	12%
55 to 59	-- ⁷	-- ⁷	33	14%
60+	-- ⁷	-- ⁷	33	14%
Total	37	100%	238	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

² Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Ninety-nine percent of people diagnosed with HIV infection from 2011–2013 who were born in a US dependency were born in Puerto Rico, <1% were born in the US Virgin Islands and <1% were born in Guam.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

⁷ Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/15

Table 9. People diagnosed with HIV infection from 2011–2013¹ and people living with HIV/AIDS on December 31, 2014 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Holyoke, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	27	82%	176	59%
Female	6	18%	121	41%
Place of Birth:	N	%	N	%
US	15	45%	141	47%
Puerto Rico/US dependency ³	-- ⁷	-- ⁷	144	48%
Non-US	-- ⁷	-- ⁷	12	4%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	-- ⁷	-- ⁷	49	16%
Black (non-Hispanic)	-- ⁷	-- ⁷	17	6%
Hispanic/Latino	27	82%	229	77%
Asian/Pacific Islander	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Other/Undetermined ⁴	0	0%	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	10	30%	48	16%
Injection Drug Use (IDU)	7	21%	103	35%
MSM/IDU	0	0%	8	3%
Heterosexual Sex	5	15%	70	24%
Other	-- ⁷	-- ⁷	15	5%
Total Undetermined	10	30%	53	18%
• Presumed Heterosexual Sex ⁵	-- ⁷	-- ⁷	18	6%
• Undetermined ⁶	-- ⁷	-- ⁷	35	12%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2014	
Under 13	0	0%	-- ⁷	-- ⁷
13 to 19	-- ⁷	-- ⁷	-- ⁷	-- ⁷
20 to 24	5	15%	9	3%
25 to 29	-- ⁷	-- ⁷	11	4%
30 to 34	-- ⁷	-- ⁷	18	6%
35 to 39	-- ⁷	-- ⁷	20	7%
40 to 44	-- ⁷	-- ⁷	30	10%
45 to 49	6	18%	50	17%
50 to 54	-- ⁷	-- ⁷	71	24%
55 to 59	-- ⁷	-- ⁷	48	16%
60+	-- ⁷	-- ⁷	37	12%
Total	33	100%	297	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

² Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Ninety-nine percent of people diagnosed with HIV infection from 2011–2013 who were born in a US dependency were born in Puerto Rico, <1% were born in the US Virgin Islands and <1% were born in Guam.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

⁷ Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/15

Table 10. People diagnosed with HIV infection from 2011–2013¹ and people living with HIV/AIDS on December 31, 2014 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Lawrence, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	39	62%	249	55%
Female	24	38%	207	45%
Place of Birth:	N	%	N	%
US	22	35%	137	30%
Puerto Rico/US dependency ³	13	21%	167	37%
Non-US	28	44%	152	33%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	9	14%	50	11%
Black (non-Hispanic)	-- ⁷	-- ⁷	33	7%
Hispanic/Latino	50	79%	368	81%
Asian/Pacific Islander	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Other/Undetermined ⁴	0	0%	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	13	21%	48	11%
Injection Drug Use (IDU)	12	19%	109	24%
MSM/IDU	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Heterosexual Sex	14	22%	130	29%
Other	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Total Undetermined	23	37%	151	33%
• Presumed Heterosexual Sex ⁵	6	10%	51	11%
• Undetermined ⁶	17	27%	100	22%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2014	
Under 13	-- ⁷	-- ⁷	-- ⁷	-- ⁷
13 to 19	-- ⁷	-- ⁷	-- ⁷	-- ⁷
20 to 24	5	8%	12	3%
25 to 29	6	10%	14	3%
30 to 34	6	10%	28	6%
35 to 39	8	13%	37	8%
40 to 44	9	14%	51	11%
45 to 49	8	13%	89	20%
50 to 54	9	14%	77	17%
55 to 59	6	10%	66	14%
60+	5	8%	79	17%
Total	63	100%	456	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

² Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Ninety-nine percent of people diagnosed with HIV infection from 2011–2013 who were born in a US dependency were born in Puerto Rico, <1% were born in the US Virgin Islands and <1% were born in Guam.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

⁷ Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/15

Table 11. People diagnosed with HIV infection from 2011–2013¹ and people living with HIV/AIDS on December 31, 2014 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Lowell, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	39	57%	323	59%
Female	29	43%	220	41%
Place of Birth:	N	%	N	%
US	35	51%	214	39%
Puerto Rico/US dependency ³	7	10%	115	21%
Non-US	26	38%	214	39%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	19	28%	129	24%
Black (non-Hispanic)	23	34%	178	33%
Hispanic/Latino	19	28%	183	34%
Asian/Pacific Islander	7	10%	50	9%
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	20	29%	106	20%
Injection Drug Use (IDU)	-- ⁷	-- ⁷	111	20%
MSM/IDU	-- ⁷	-- ⁷	8	1%
Heterosexual Sex	-- ⁷	-- ⁷	92	17%
Other	0	0%	17	3%
Total Undetermined	41	60%	209	38%
• Presumed Heterosexual Sex ⁴	11	16%	78	14%
• Undetermined ⁵	30	44%	131	24%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2014	
Under 13	0	0%	0	0%
13 to 19	-- ⁷	-- ⁷	6	1%
20 to 24	5	7%	14	3%
25 to 29	13	19%	21	4%
30 to 34	8	12%	27	5%
35 to 39	10	15%	36	7%
40 to 44	8	12%	73	13%
45 to 49	9	13%	114	21%
50 to 54	6	9%	105	19%
55 to 59	-- ⁷	-- ⁷	75	14%
60+	5	7%	72	13%
Total⁶	68	100%	543	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

² Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Ninety-nine percent of people diagnosed with HIV infection from 2011–2013 who were born in a US dependency were born in Puerto Rico, <1% were born in the US Virgin Islands and <1% were born in Guam.

⁴ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁵ Includes male sex with female of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

⁶ Total includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁷ Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/15

Table 12. People diagnosed with HIV infection from 2011–2013¹ and people living with HIV/AIDS on December 31, 2014 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Lynn, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	32	63%	266	61%
Female	19	37%	167	39%
Place of Birth:	N	%	N	%
US	-- ⁷	-- ⁷	224	52%
Puerto Rico/US dependency ³	-- ⁷	-- ⁷	36	8%
Non-US	26	51%	173	40%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	12	24%	141	33%
Black (non-Hispanic)	23	45%	156	36%
Hispanic/Latino	13	25%	112	26%
Asian/Pacific Islander	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Other/Undetermined ⁴	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	14	27%	114	26%
Injection Drug Use (IDU)	6	12%	68	16%
MSM/IDU	-- ⁷	-- ⁷	11	3%
Heterosexual Sex	8	16%	61	14%
Other	-- ⁷	-- ⁷	6	1%
Total Undetermined	22	43%	173	40%
• Presumed Heterosexual Sex ⁵	9	18%	72	17%
• Undetermined ⁶	13	25%	101	23%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2014	
Under 13	0	0%	-- ⁷	-- ⁷
13 to 19	-- ⁷	-- ⁷	-- ⁷	-- ⁷
20 to 24	7	14%	5	1%
25 to 29	6	12%	16	4%
30 to 34	6	12%	20	5%
35 to 39	7	14%	31	7%
40 to 44	6	12%	35	8%
45 to 49	8	16%	79	18%
50 to 54	5	10%	98	23%
55 to 59	-- ⁷	-- ⁷	73	17%
60+	-- ⁷	-- ⁷	73	17%
Total	51	100%	433	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

² Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Ninety-nine percent of people diagnosed with HIV infection from 2011–2013 who were born in a US dependency were born in Puerto Rico, <1% were born in the US Virgin Islands and <1% were born in Guam.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

⁷ Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/15

Table 13. People diagnosed with HIV infection from 2011–2013¹ and people living with HIV/AIDS on December 31, 2014 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Malden, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	18	55%	191	65%
Female	15	45%	101	35%
Place of Birth:	N	%	N	%
US	12	36%	140	48%
Puerto Rico/US dependency ³	0	0%	7	2%
Non-US	21	64%	145	50%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	8	24%	99	34%
Black (non-Hispanic)	15	45%	145	50%
Hispanic/Latino	6	18%	32	11%
Asian/Pacific Islander	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Other/Undetermined ⁴	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	15	45%	116	40%
Injection Drug Use (IDU)	0	0%	19	7%
MSM/IDU	0	0%	-- ⁷	-- ⁷
Heterosexual Sex	6	18%	40	14%
Other	0	0%	-- ⁷	-- ⁷
Total Undetermined	12	36%	106	36%
• Presumed Heterosexual Sex ⁵	-- ⁷	-- ⁷	48	16%
• Undetermined ⁶	-- ⁷	-- ⁷	58	20%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2014	
Under 13	0	0%	-- ⁷	-- ⁷
13 to 19	0	0%	-- ⁷	-- ⁷
20 to 24	-- ⁷	-- ⁷	-- ⁷	-- ⁷
25 to 29	6	18%	6	2%
30 to 34	7	21%	26	9%
35 to 39	-- ⁷	-- ⁷	15	5%
40 to 44	8	24%	33	11%
45 to 49	-- ⁷	-- ⁷	53	18%
50 to 54	-- ⁷	-- ⁷	73	25%
55 to 59	0	0%	35	12%
60+	-- ⁷	-- ⁷	48	16%
Total	33	100%	292	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

² Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Ninety-nine percent of people diagnosed with HIV infection from 2011–2013 who were born in a US dependency were born in Puerto Rico, <1% were born in the US Virgin Islands and <1% were born in Guam.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

⁷ Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/15

Table 14. People diagnosed with HIV infection from 2011–2013¹ and people living with HIV/AIDS on December 31, 2014 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: New Bedford, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	31	69%	275	57%
Female	14	31%	207	43%
Place of Birth:	N	%	N	%
US	27	60%	345	72%
Puerto Rico/US dependency ³	8	18%	72	15%
Non-US	10	22%	65	13%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	24	53%	230	48%
Black (non-Hispanic)	6	13%	109	23%
Hispanic/Latino	14	31%	137	28%
Asian/Pacific Islander	-- ⁷	-- ⁷	0	0%
Other/Undetermined ⁴	-- ⁷	-- ⁷	6	1%
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	14	31%	79	16%
Injection Drug Use (IDU)	9	20%	181	38%
MSM/IDU	-- ⁷	-- ⁷	11	2%
Heterosexual Sex	6	13%	122	25%
Other	-- ⁷	-- ⁷	8	2%
Total Undetermined	13	29%	81	17%
• Presumed Heterosexual Sex ⁵	-- ⁷	-- ⁷	34	7%
• Undetermined ⁶	-- ⁷	-- ⁷	47	10%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2014	
Under 13	0	0%	0	0%
13 to 19	-- ⁷	-- ⁷	-- ⁷	-- ⁷
20 to 24	0	0%	-- ⁷	-- ⁷
25 to 29	6	13%	13	3%
30 to 34	7	16%	14	3%
35 to 39	-- ⁷	-- ⁷	35	7%
40 to 44	10	22%	38	8%
45 to 49	8	18%	79	16%
50 to 54	5	11%	111	23%
55 to 59	-- ⁷	-- ⁷	90	19%
60+	-- ⁷	-- ⁷	98	20%
Total	45	100%	482	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

² Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Ninety-nine percent of people diagnosed with HIV infection from 2011–2013 who were born in a US dependency were born in Puerto Rico, <1% were born in the US Virgin Islands and <1% were born in Guam.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

⁷ Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/15

Table 15. People diagnosed with HIV infection from 2011–2013¹ and people living with HIV/AIDS on December 31, 2014 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Provincetown, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	-- ⁷	-- ⁷	320	97%
Female	-- ⁷	-- ⁷	9	3%
Place of Birth:	N	%	N	%
US	24	92%	296	90%
Puerto Rico/US dependency ³	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Non-US	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	20	77%	294	89%
Black (non-Hispanic)	-- ⁷	-- ⁷	8	2%
Hispanic/Latino	-- ⁷	-- ⁷	23	7%
Asian/Pacific Islander	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Other/Undetermined ⁴	0	0%	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	23	88%	297	90%
Injection Drug Use (IDU)	0	0%	6	2%
MSM/IDU	0	0%	13	4%
Heterosexual Sex	0	0%	-- ⁷	-- ⁷
Other	0	0%	-- ⁷	-- ⁷
Total Undetermined	-- ⁷	-- ⁷	10	3%
• Presumed Heterosexual Sex ⁵	-- ⁷	-- ⁷	-- ⁷	-- ⁷
• Undetermined ⁶	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Age:	N	%	N	%
	At Diagnosis		On December 31, 2014	
Under 13	0	0%	0	0%
13 to 19	0	0%	0	0%
20 to 24	-- ⁷	-- ⁷	-- ⁷	-- ⁷
25 to 29	-- ⁷	-- ⁷	-- ⁷	-- ⁷
30 to 34	-- ⁷	-- ⁷	6	2%
35 to 39	-- ⁷	-- ⁷	12	4%
40 to 44	5	19%	22	7%
45 to 49	7	27%	50	15%
50 to 54	0	0%	91	28%
55 to 59	6	23%	65	20%
60+	-- ⁷	-- ⁷	79	24%
Total	26	100%	329	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

² Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Ninety-nine percent of people diagnosed with HIV infection from 2011–2013 who were born in a US dependency were born in Puerto Rico, <1% were born in the US Virgin Islands and <1% were born in Guam.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

⁷ Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/15

Table 16. People diagnosed with HIV infection from 2011–2013¹ and people living with HIV/AIDS on December 31, 2014 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Quincy, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	27	84%	204	78%
Female	5	16%	58	22%
Place of Birth:	N	%	N	%
US	18	56%	183	70%
Puerto Rico/US dependency ³	0	0%	8	3%
Non-US	14	44%	71	27%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	16	50%	135	52%
Black (non-Hispanic)	7	22%	76	29%
Hispanic/Latino	-- ⁷	-- ⁷	30	11%
Asian/Pacific Islander	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Other/Undetermined ⁴	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	19	59%	121	46%
Injection Drug Use (IDU)	-- ⁷	-- ⁷	42	16%
MSM/IDU	-- ⁷	-- ⁷	10	4%
Heterosexual Sex	-- ⁷	-- ⁷	35	13%
Other	0	0%	5	2%
Total Undetermined	9	28%	49	19%
• Presumed Heterosexual Sex ⁵	-- ⁷	-- ⁷	12	5%
• Undetermined ⁶	-- ⁷	-- ⁷	37	14%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2014	
Under 13	0	0%	0	0%
13 to 19	0	0%	-- ⁷	-- ⁷
20 to 24	-- ⁷	-- ⁷	-- ⁷	-- ⁷
25 to 29	-- ⁷	-- ⁷	10	4%
30 to 34	6	19%	11	4%
35 to 39	-- ⁷	-- ⁷	16	6%
40 to 44	5	16%	23	9%
45 to 49	-- ⁷	-- ⁷	47	18%
50 to 54	6	19%	65	25%
55 to 59	-- ⁷	-- ⁷	42	16%
60+	-- ⁷	-- ⁷	43	16%
Total	32	100%	262	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

² Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Ninety-nine percent of people diagnosed with HIV infection from 2011–2013 who were born in a US dependency were born in Puerto Rico, <1% were born in the US Virgin Islands and <1% were born in Guam.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

⁷ Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/15

Table 17. People diagnosed with HIV infection from 2011–2013¹ and people living with HIV/AIDS on December 31, 2014 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Somerville, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	29	78%	273	76%
Female	8	22%	86	24%
Place of Birth:	N	%	N	%
US	19	51%	193	54%
Puerto Rico/US dependency ³	0	0%	-- ⁷	-- ⁷
Non-US	18	49%	-- ⁷	-- ⁷
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	16	43%	177	49%
Black (non-Hispanic)	6	16%	106	30%
Hispanic/Latino	10	27%	62	17%
Asian/Pacific Islander	5	14%	14	4%
Other/Undetermined ⁴	0	0%	0	0%
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	19	51%	171	48%
Injection Drug Use (IDU)	-- ⁷	-- ⁷	28	8%
MSM/IDU	-- ⁷	-- ⁷	14	4%
Heterosexual Sex	-- ⁷	-- ⁷	32	9%
Other	0	0%	11	3%
Total Undetermined	13	35%	103	29%
• Presumed Heterosexual Sex ⁵	6	16%	45	13%
• Undetermined ⁶	7	19%	58	16%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2014	
Under 13	0	0%	-- ⁷	-- ⁷
13 to 19	0	0%	-- ⁷	-- ⁷
20 to 24	-- ⁷	-- ⁷	-- ⁷	-- ⁷
25 to 29	10	27%	17	5%
30 to 34	8	22%	25	7%
35 to 39	5	14%	28	8%
40 to 44	5	14%	50	14%
45 to 49	-- ⁷	-- ⁷	60	17%
50 to 54	-- ⁷	-- ⁷	55	15%
55 to 59	-- ⁷	-- ⁷	55	15%
60+	-- ⁷	-- ⁷	65	18%
Total	37	100%	359	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

² Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Ninety-nine percent of people diagnosed with HIV infection from 2011–2013 who were born in a US dependency were born in Puerto Rico, <1% were born in the US Virgin Islands and <1% were born in Guam.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

⁷ Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/15

Table 18. People diagnosed with HIV infection from 2011–2013¹ and people living with HIV/AIDS on December 31, 2014 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Springfield, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	85	68%	694	61%
Female	40	32%	451	39%
Place of Birth:	N	%	N	%
US	83	66%	774	68%
Puerto Rico/US dependency ³	26	21%	294	26%
Non-US	16	13%	77	7%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	23	18%	211	18%
Black (non-Hispanic)	38	30%	309	27%
Hispanic/Latino	62	50%	611	53%
Asian/Pacific Islander	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Other/Undetermined ⁴	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	42	34%	247	22%
Injection Drug Use (IDU)	14	11%	331	29%
MSM/IDU	0	0%	34	3%
Heterosexual Sex	16	13%	209	18%
Other	0	0%	27	2%
Total Undetermined	53	42%	297	26%
• Presumed Heterosexual Sex ⁵	16	13%	114	10%
• Undetermined ⁶	37	30%	183	16%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2014	
Under 13	0	0%	-- ⁷	-- ⁷
13 to 19	5	4%	-- ⁷	-- ⁷
20 to 24	14	11%	26	2%
25 to 29	14	11%	35	3%
30 to 34	11	9%	54	5%
35 to 39	15	12%	77	7%
40 to 44	18	14%	125	11%
45 to 49	24	19%	175	15%
50 to 54	8	6%	235	21%
55 to 59	9	7%	190	17%
60+	7	6%	221	19%
Total	125	100%	1,145	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

² Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Ninety-nine percent of people diagnosed with HIV infection from 2011–2013 who were born in a US dependency were born in Puerto Rico, <1% were born in the US Virgin Islands and <1% were born in Guam.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

⁷ Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/15

Table 19. People diagnosed with HIV infection from 2011–2013¹ and people living with HIV/AIDS on December 31, 2014 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Waltham, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	18	60%	141	56%
Female	12	40%	111	44%
Place of Birth:	N	%	N	%
US	10	33%	-- ⁷	-- ⁷
Puerto Rico/US dependency ³	0	0%	-- ⁷	-- ⁷
Non-US	20	67%	169	67%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	11	37%	57	23%
Black (non-Hispanic)	14	47%	164	65%
Hispanic/Latino	-- ⁷	-- ⁷	22	9%
Asian/Pacific Islander	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Other/Undetermined ⁴	0	0%	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	10	33%	56	22%
Injection Drug Use (IDU)	0	0%	-- ⁷	-- ⁷
MSM/IDU	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Heterosexual Sex	-- ⁷	-- ⁷	59	23%
Other	0	0%	-- ⁷	-- ⁷
Total Undetermined	16	53%	125	50%
• Presumed Heterosexual Sex ⁵	7	23%	51	20%
• Undetermined ⁶	9	30%	74	29%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2014	
Under 13	0	0%	-- ⁷	-- ⁷
13 to 19	-- ⁷	-- ⁷	-- ⁷	-- ⁷
20 to 24	-- ⁷	-- ⁷	-- ⁷	-- ⁷
25 to 29	6	20%	7	3%
30 to 34	5	17%	19	8%
35 to 39	-- ⁷	-- ⁷	18	7%
40 to 44	-- ⁷	-- ⁷	37	15%
45 to 49	6	20%	48	19%
50 to 54	-- ⁷	-- ⁷	52	21%
55 to 59	0	0%	32	13%
60+	-- ⁷	-- ⁷	33	13%
Total	30	100%	252	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

² Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Ninety-nine percent of people diagnosed with HIV infection from 2011–2013 who were born in a US dependency were born in Puerto Rico, <1% were born in the US Virgin Islands and <1% were born in Guam.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

⁷ Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/15

Table 20. People diagnosed with HIV infection from 2011–2013¹ and people living with HIV/AIDS on December 31, 2014 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Worcester, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	51	64%	546	58%
Female	29	36%	401	42%
Place of Birth:	N	%	N	%
US	37	46%	489	52%
Puerto Rico/US dependency ³	9	11%	200	21%
Non-US	34	43%	258	27%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	15	19%	276	29%
Black (non-Hispanic)	36	45%	306	32%
Hispanic/Latino	26	33%	335	35%
Asian/Pacific Islander	-- ⁷	-- ⁷	21	2%
Other/Undetermined ⁴	-- ⁷	-- ⁷	9	1%
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	23	29%	190	20%
Injection Drug Use (IDU)	8	10%	267	28%
MSM/IDU	-- ⁷	-- ⁷	35	4%
Heterosexual Sex	6	8%	191	20%
Other	-- ⁷	-- ⁷	21	2%
Total Undetermined	40	50%	243	26%
• Presumed Heterosexual Sex ⁵	19	24%	126	13%
• Undetermined ⁶	21	26%	117	12%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2014	
Under 13	-- ⁷	-- ⁷	-- ⁷	-- ⁷
13 to 19	-- ⁷	-- ⁷	-- ⁷	-- ⁷
20 to 24	11	14%	10	1%
25 to 29	8	10%	38	4%
30 to 34	10	13%	37	4%
35 to 39	13	16%	58	6%
40 to 44	11	14%	100	11%
45 to 49	10	13%	153	16%
50 to 54	8	10%	193	20%
55 to 59	-- ⁷	-- ⁷	177	19%
60+	-- ⁷	-- ⁷	178	19%
Total	80	100%	947	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

² Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

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⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

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⁷ Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/15